

Records of Tachinidae from Illinois with Description of One New Species (Diptera).

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The following paper is a list of *Tachinidae* represented in the Illinois State Natural History Survey Collection. It was prepared to give the distributional records of the members of this family and any other information regarding the species taken at the time of collection. Forty-three genera and seventy species are listed and one member of the genus *Belvosia* described as new.

All localities cited are in the state of Illinois, except where some other state or province is specified.

I wish to thank Mr. H. H. Ross of the Illinois State Natural History Survey for the privilege of working on this material.

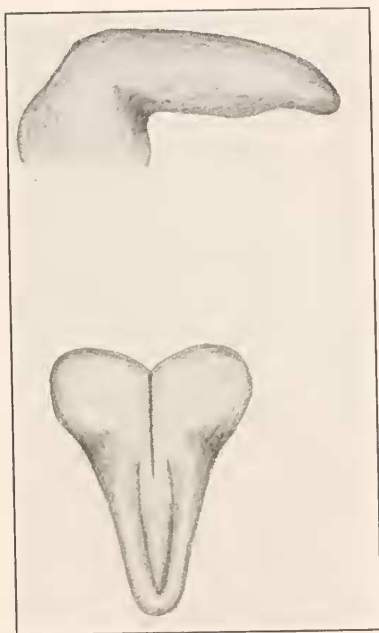
- CISTOGASTER IMMACULATA Macq. Urbana, Sept. 20, 1923, sweeping; Vandalia, June 13, 1909, clover.
- GYMNOSOMA FULIGINOSA Desv. Ware, Sept. 20, 1931 (Mohr); Urbana, April 4, 1931 (H. H. Ross).
- PHORANTHA CALYPTRATA Coq. Urbana, Sept. 26, 1931 (H. H. Ross); Meredosia, May 29, 1917.
- P. OCCIDENTIS Walk. Dubois, Aug. 9, 1917.
- TRICHOPODA FORMOSA Wied. Oakwood, June 2, 1927 (F. H. Frison); Jordan, Ont., Sept. 10, 1915 (H. Curran).
- CRYPTOMEIGENIA THEUTIS Walk. Gimlii July 15, 1909.
- PARADDMONTIA BREVIS ? Coq. Urbana, June 20, 1915.
- PLECTOPS MELISSOPODIS Coq. Dubois, May 23, 1917.
- CLATORIA SPINOSA ? Coq. Dubois, July 5, 1909.
- HYPOSTENA AENEA Coq. Urbana, Sept. 26, 1931 (H. H. Ross).
- H. BARBATA Coq. Dubois, May 10, 1917.
- DIDYMA EXIGUA V. D. W. Urbana, June 10, 1920, parasite of PIPAUSTA AINSLEI, in corn and smart-weed (C. S. Spooner).
- POLIDEA AREOS Walk. Urbana, Apr. 27, 1931 (A. R. Park).
- RACODINEURA AMERICANA Coq. Dubois, Aug. 8, 1917.
- LEUCOSTOMA SENILIS Tns. Bondville, Oct. 1, 1909.
- L. SP ? Dubois, Aug. 9, 1917.
- EUTRIXA MASURIA Walk. Savanna, July 9, 1917.
- SIPHONA GENICULATA DeGr. Urbana, Apr. 22, 1917, in cottonwood. White Heath, Apr. 22, 1917.
- PLAGIA AMERICANA V. D. W. Urbana, June 27, 1931 (A. R. Park); Bushnell, clover, June 18, 1909.
- BIOMYIA AURIGERA Coq. Cypress Sept. 2, 1931 (Mohr).

B. GEORGIAE B-B. Dubois, Aug. 10, 1917; White Heath, May 22, 1915; Carbondale, May 27, 1910; Elgin, rye grass and clover, June 25, 1909.

ATACTA APICALIS Coq. Paris, on *Protoparce*, 1904 (A. A. Garault); Havana, roadside, Sept. 8, 1910.

***Belvosia pollinosa* n. sp.**

Male. Length 15 mm. Front at the vertex slightly longer than the combined length of the second and third antennal joints. Frontals arranged in three indistinct rows. Antennae black. Cheeks thinly pollinose the brown background color showing through in spots. Facial depression and parafrontals white pollinose throughout. Palpi brown, lighter at the tips.



Belvosia pollinosa.

Thorax shining black except in front where it is thinly white pollinose. Sternopleurals eight. Dorso-centrals five. Scutellum black, thinly golden pollinose on the posterior ventral margin, bearing thirteen marginals and numerous submarginals.

First and second abdominal segments shining black. Third and fourth golden pollinose throughout except on the apical

fourth. First abdominal segment with five marginals, second with seven, third and fourth with marginal rows.

Legs black. Coxae with tufts of very large spiny bristles projecting backward. Pulvilli as long as the last tarsal joint.

Wings and both calypters brown.

Forceps of the genitalia black, hairy except on the extreme tip, shaped as in figure.

Described from a single male collected at Alto Pass, ILLINOIS, June 5-6, 1919.

Holotype in the collection of the university of Utah.

This species comes out in the key with *B. splendens* Curran, but differs in having the para-frontals pollinose throughout.

LINNAEMYIA COMTA Fall. Urbana, new clover, May 21, 1909.

GYMNOCHAETA ALCEDO Loew. Urbana, June 1, 1929 (Mohr);

Vancouver, B. C., Mar. 13, 1912 (H. H. Ross).

EXORISTA DORSALIS Coq. Oregon, June 19, 1917.

E. EUDRYADIS Tns. Chicago, May 30, 1909 (Davis).

E. ORDINARIA V. D. W. Alto Pass, May 7, 1917.

EUPHOROCERA CLARIPENNIS Macq. Vandalia, Sept. 16, 1931 (Mohr).

PHOROCERA LEUCANIAE Coq. Urbana, in woods, April 22, 1926

(T. H. Frison); Carbondale, reared from cocoon, April 16, 1928 (T. H. F.); Muncie, May 3, 1920; Horner, Apr. 26, 1909.

P. RUFILABRUM V. D. W. Oregon, June 19, 1917; Lilly, at Mackinaw River, June 11, 1914; Peoria, on maple, July 23, 1898 (McElfresh); Angerville, June 6, 1915.

P. SAUNDERSII Will. Dubois, May 22, 1917.

FRONTINA ALETIAE Riley. Champaign, Aug. 14, 1915 (Frison).

F. ARCHIPPIVORA Will. Champaign, July 24, 1885.

F. FRENCHII Will. Urbana, June 9, 1903 (Titus); Centralia, June 16, 1909 (Girault); Metropolis, Sept. 19, 1931 (Mohr).

STURMIA DISTINCTA Wied. Kernak, Sept. 2, 1924 (T. H. F.); Metropolis, Sept. 3, 1924 (T. H. F.); Brownsville, Texas, Nov. 26, 1910 (T. Garden); Hayworth, July 24, 1878.

S. FRAUDULENTA V. D. W. Algonquin, June 23, 1896; Aurora, Aug. 15, 1908 (Girault).

S. INQUINATA V. D. W. Oregon, June 19, 1917; Algonquin, June 20, 1896; Fox Lake, Aug. 2, 1924 (T. H. F.); Tonti, May 24, 1912 (Titus); Urbana, July 25, 1848.

S. NIGRITA Tns. Lafayette, Ind., July 19, 1915; River Forest, July 11, 1913; Algonquin (Nason).

S. OCCIDENTALIS Coq. Odin, May 28, 1910, in pit cage; and on flowers of wild parsnip; Plainview, May 3, 1915.

- S. PHYCIODIS Coq. Muncie, June 8, 1927 (T. Faud A. G.).
- S. STRIGATA V. D. W. Odin, May 31, 1910, parsnip.
- ACEMYIA TIBIALIS Coq. White Heath, May 18, 1839, in woods (Morten).
- PSEUDOCHAETA ARGENTIFRONS Coq. Carbondale, July 31, 1909 (Hart-Wood); Pulaski, Aug. 3, 1908 (Gerault).
- P. PYRALIDIS Coq. Cambridge, June 20, 1931, parasitic on thistle butterfly.
- TACHINOMYIA ROBUSTA Tns. Algonquin (Nason), Odin, 1910, on parsnip; St. Paul, Minn., May 30, 1924; Algonquin, June 4, 1914.
- BLEPHARIZEPA ADUSTA Loew. Algonquin (Nason); Forreston, June 11, 1892 (Marten).
- B. INERMIS Bigot. Algonquin, Ill., June 10, 1915; Clay City, Aug. 22, 1905.
- WINTHEMIA MILITARIS Walsh. Pleasant Plains, June 26, 1931 (Mohr).
- W. QUADRIPUSTULATA Fab. Algonquin, June 23, 1896; Urbana, July 13, 1931 (Mohr); Agassiz, B. C., taken from the caterpillar of the "white woolly bear" on hops, Aug. 19, 1927 (H. H. Ross); Champaign, July 8, 1909 (Sanborn); Savanna, July 10, 1917; White Heath, May 15, 1915; River Forest, July 11, 1913; Dubois, May 28, 1917; Plainview, May 3, 1915; Alto Pass, June 5, 1919; Centralia, June 9, 1909 (Girault); Vandalia, June 4, 1914, clover; Elgin, June 25, 1909, rye, grass, clover; Virginia, June 17, 1909, red clover; Aurora, June 26, 1909, red clover partly in bloom; Sparta, June 11, 1909, ragged clover field; Princeton, June 21, 1909, weedy clover; Bushnell, June 18, 1909, clover; Oakwood, July 2, 1931 (H. H. Ross); Bluffs, Aug. 19, 1917; Normal, July 7, 1884, boxelder.
- PARADIDYMA SINGULARIS Tns. Urbana, June 7, 1916; Odin, May 11, 1910; Normal, Aug. 18, 1887.
- HILARELLA POLITA Tns. Havana, Geason's sand-dunes, April 30, 1914; Meredosia, sand pit, Aug. 22, 1917; Urbana, May 18, 1889, pond grove.
- BRACHYCOMA SARCOPHAGINA Tns. Urbana, July 3, 1908, clover.
- GONIA BREVIPULVILLI Tot. Normal; Ames, Ia., Apr. 22, 1896, Exp. Sta., Vancouver, B. C., March 19, 1926 (H. H. Ross); Urbana, Apr. 1, 1880 (Marten); Teulon, July 20, 1915.
- G. FRONTOSA Sav. Urbana, dredgeditch, Apr. 25, 1915; Danville, Apr. 5, 1929 (Frison & R. H.); Algonquin, March 20,

- 1905 (Nason); Seymour, Apr. 20, 1912; Vancouver, B. C. (H. H. Ross); Oakwood, middle fork, Apr. 26, 1911; Dongola, Mar. 9, 1916; Forest Glen; Chicago, Aug., 1878; Mahomet, Apr. 3, 1929 (Frison).
- G. LONGIPULVILLI Tot. Olympia, Wash. (T. Kincaid).
- G. SAGAX Tns. Homar, Apr. 26, 1909; Urbana, Apr. 23, 1928 (Frison); Algonquin, May 3, 1896.
- SPALLANZANIA HESPERIDARUM Will. Sparta, June 10, 1909, weedy clover; Champaign, July 7, 1885, swept from weeds; Urbana, Sept. 25, 1923.
- CHAETOGAEDIA ANALIS V. D. W. Urbana, Oct. 6, 1901; Crystal Lake (Titus).
- CUPHOCERA FUCATA ? V. D. W. Odin, in pit cage, May 28, 1910; Urbana, Sept., 1931 (Mohr); Makanda, on goldenrod, Oct. 16, 1902 (Titus).
- ARCHYTAS ANALIS Fab. Urbana, July 17, 1908, clover; Oakwood, June 2, 1927 (T. H. Fuson); Havana, Devil's Hole, June 23, 1928 (Frison and Hayes).
- A. ATERRIMA Desv. Alto Pass, Aug. 11, 1891 (Hart and Shiga); Savanna, July 21, 1892, sweet clover (McElfresh); Odin, Aug. 23, 1909; Milo, Bureau Co., July 15, 1879; Phila., Pa.; Metropolis, on *Xanthium spinosum*, Aug. 15, 1891 (Hart-Shiga); Dubois, June 22, 1905; Aldridge, Aug. 11, 1891 (Hart-Shiga); Urbana, July 3, 1908, clover; Sparta, patchy clover, June 9, 1909.
- A. PILOSA Drury. Robertson (Willisten); Normal, July 26, 1883, in and about corn roots.
- The material also contained the following genera and species not listed in the Aldrich catalogue of 1905.
- ARRHINOMYIA sp ? Dongola, May 11, 1917; Sioux City, Ia., Aug. 29, 1916, swept from bluegrass (A. W. Lindsey).
- CYLINDROMYIA ARGENTIA Tns. Freeport, July 4, 1917; Evans-ton, Apr. 7, 1931 (A. R. Park); Urbana, June 16, 1931 (H. H. Ross).
- C. EUCHENOR Walk. Urbana, Aug. 17, 1908, clover; Sparta, June 11, 1909, ragged clover field; Agassiz, B. C., July 22 1926 (R. Glendenning).
- LIXOPHAGA sp ? Dubois, Aug. 9, 1917.
- PHYLLOMYIA sp ? Urbana, Oct. 18, 1914; Muncie, June 10, 1919; Sparta, June 9, 1909, patchy clover field; Ashley, Aug. 7, 1917.
- ZENILLIA sp ? Urbana, May 18, 1909; Freeport, July 2, 1917.